AMENDMENTS TO THE SPECIFICATION

Please amend the paragraphs starting at page 12, line 20 to page 15, line 4 as follows:

To tetrahydrofuran (60mL) were added ~~3-(5-bicyclo[2.2.1]-heptene-2-yl)-1,1,1-(trifluoromethyl)propane-2-ol~~ the compound of Formula 2a (0.015 M) (CAS# 196314-61-1), maleic anhydride (0.015 M), 2-methyl-2-adamanthyl methacrylate (0.05 M), 2-hydroxyethyl methacrylate (0.02 M) (CAS# 868-77-9) and AIBN (0.2 g). The resulting mixture was reacted at 65 °C for 24 hours. After reaction the resulting mixture was distilled under reduced pressure. Then, polymers were precipitated in diethylether/hexane and filtered, thereby obtaining the polymer of Formula 1b (yield: 52%).

Example 2--Synthesis of Compound of Formula 1c

To tetrahydrofuran (60 mL) were added ~~3-(5-bicyclo[2.2.1]-heptene-2-yl)-1,1,1-(trifluoromethyl)propane-2-ol~~ the compound of Formula 2a (0.01 M), maleic anhydride (0.02 M), 2-methyl-2-adamanthyl methacrylate (0.05 M), 2-hydroxyethyl methacrylate (0.01 M), norbornylene (CAS# 498-66-8) and AIBN (0.2 g). The resulting mixture was reacted at 65 °C for 24 hours. After reaction the resulting mixture was distilled under reduced pressure. Then, polymers were precipitated in diethylether/hexane and filtered, thereby obtaining the polymer of Formula 1c (yield: 56%).

Example 3--Synthesis of Compound of Formula 1d

To tetrahydrofuran (60 mL) were added ~~3-(5-bicyclo[2.2.1]-heptene-2-yl)-1,1,1-(trifluoromethyl)propane-2-ol~~ the compound of Formula 2a (0.015 M), maleic anhydride (0.015M), t-buthyl methacrylate (0.05 M) (CAS# 585-07-9), 2-hydroxyethyl methacrylate (0.02 M) and AIBN (0.2 g). The resulting mixture was reacted at 65 °C for 24 hours. After reaction the resulting mixture was distilled under reduced pressure. Then, polymers were precipitated in water/ethanol and filtered, thereby obtaining the polymer of Formula 1d (yield: 52%).

Example 4--Synthesis of Compound of Formula 1e

To tetrahydrofuran (60mL) were added ~~3-(5-bicyclo[2.2.1]heptene-2-yl)-1,1,1-(trifluoromethyl)propane-2-ol~~ the compound of Formula 2a (0.015 M), maleic anhydride (0.025 M), t-buthyl methacrylate (0.04 M), 2-hydroxymethyl methacrylate (0.01 M), norbornylene (0.01 M) and AIBN (0.2 g). The resulting mixture was reacted at 65 °C for 24 hours. After reaction the resulting mixture was distilled under reduced pressure. Then, polymers were precipitated in water/ethanol and filtered, thereby obtaining the polymer of Formula 1e (yield: 52%).

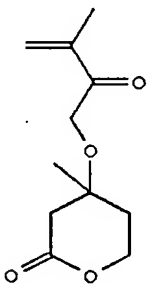
Example 5--Synthesis of Compound of Formula 1f

To tetrahydrofuran (60mL) were added ~~3-(5-bicyclo[2.2.1]heptene-2-yl)-1,1,1-(trifluoromethyl)propane-2-ol~~ the compound of Formula 2a (0.015 M), maleic anhydride (0.025 M), t-buthyl methacrylate (0.03 M), 2-hydroxymethyl methacrylate (0.02 M), t-buthyl-5-norbornene-2-carboxylate (0.01 M) (CAS# 154970-45-3) and AIBN (0.2 g). The resulting mixture was reacted at 65 °C for 24 hours. After reaction the resulting mixture was distilled under reduced pressure. Then, polymers were precipitated in water/ethanol and filtered, thereby obtaining the polymer of Formula 1f (yield: 52%).

Example 6--Synthesis of Compound of Formula 1g

To tetrahydrofuran (60mL) were added ~~3-(5-bicyclo[2.2.1]heptene-2-yl)-1,1,1-(trifluoromethyl)propane-2-ol~~ the compound of Formula 2a (0.015 M), maleic anhydride (0.025 M), 2-methyl-2-adamanthyl methacrylate (0.04 M), the compound of Formula 6 (0.01 M), norbornylene (0.01 M) and AIBN (0.2 g). The resulting mixture was reacted at 65 °C for 24 hours. After reaction the resulting mixture was distilled under reduced pressure. Then, polymers were precipitated in water/ethanol and filtered, thereby obtaining the polymer of Formula 1 g (yield : 58%).

Formula 6



Example 7--Synthesis of Compound of Formula 1h

To tetrahydrofuran (60 mL) were added ~~3-(5-bicyclo[2.2.1]heptene-2-yl)-1,1,1-(trifluoromethyl)propane-2-ol~~ the compound of Formula 2a (0.015 M), maleic anhydride (0.025 M), 2-methyl-2-adamanthyl methacrylate (0.04M), the compound of Formula 6, 2-methyl-2-adamanthyl-5-norbornene-2-carboxylate (0.01 M) and AIBN (0.2 g). The resulting mixture was reacted at 65 °C for 24 hours. After reaction the resulting mixture was distilled under reduced pressure. Then, polymers were precipitated in water/ethanol and filtered, thereby obtaining the polymer of Formula 1h (yield : 49%).